

FIG. 1

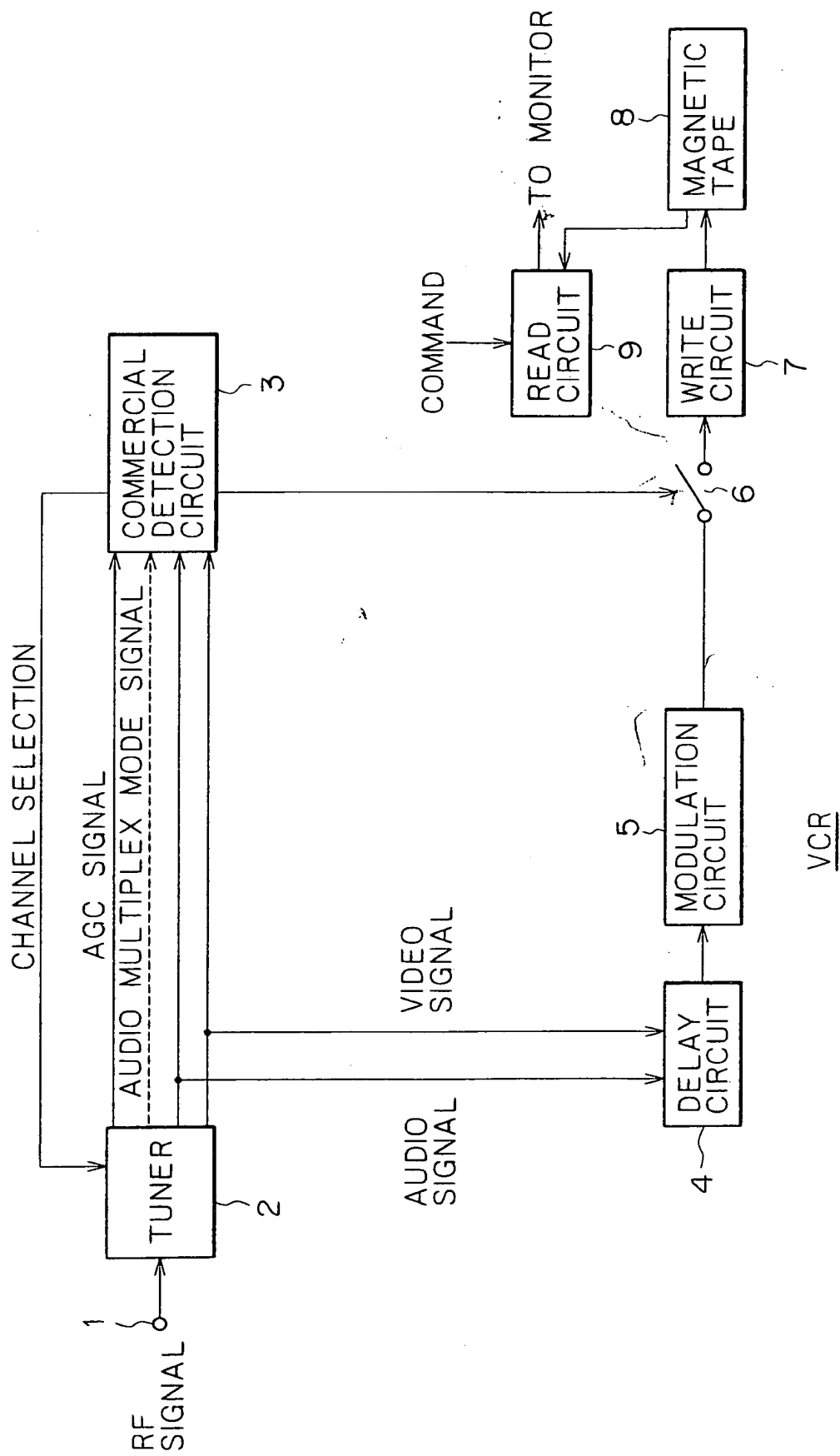


FIG. 2

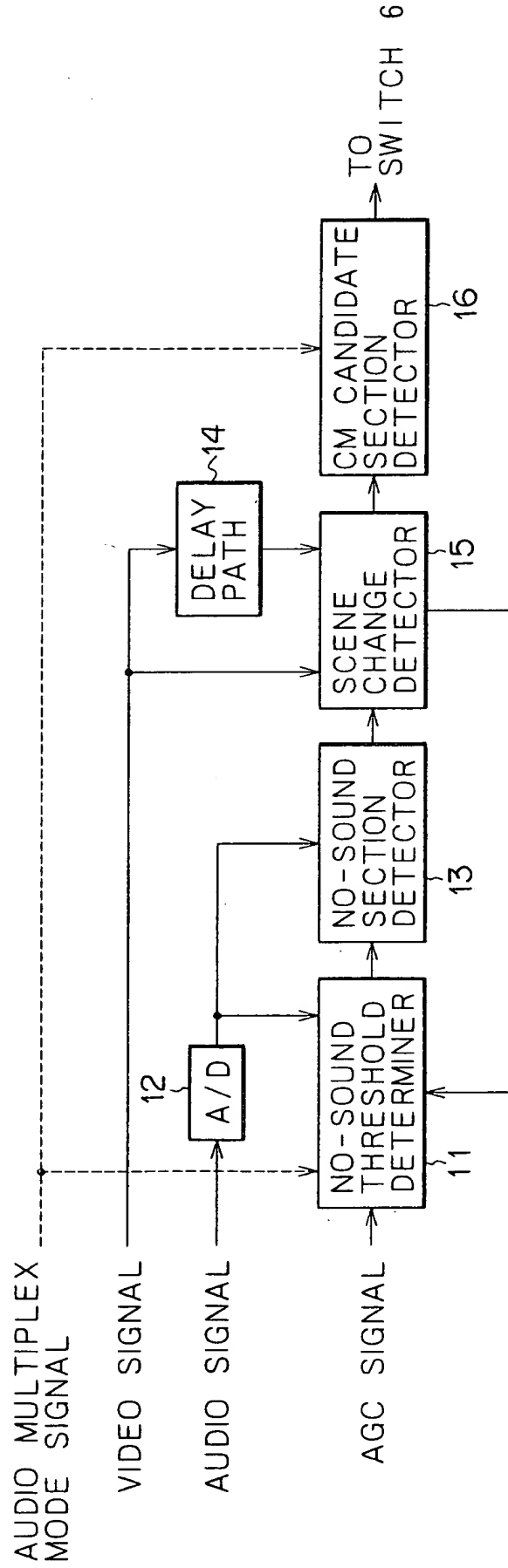


FIG. 3

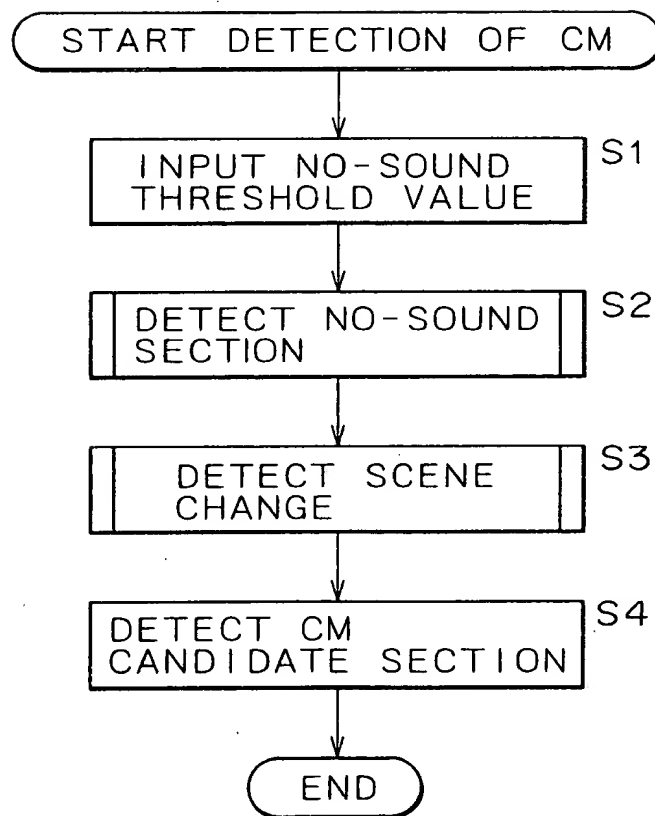
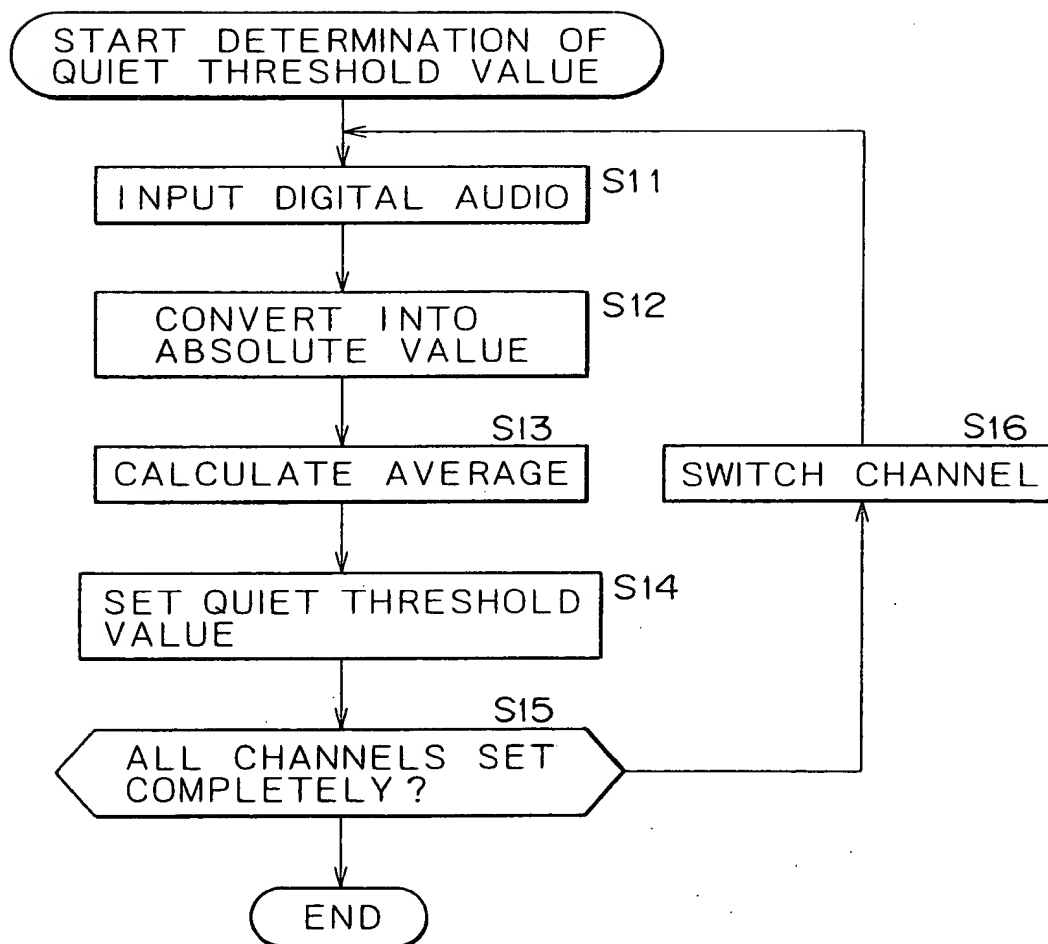


FIG. 4



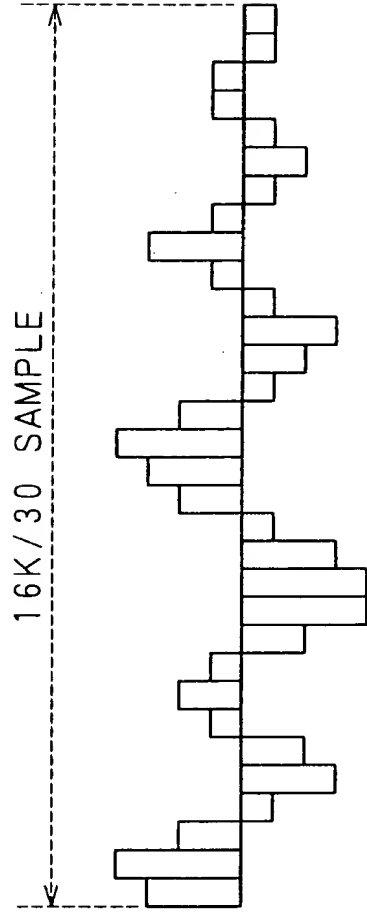


FIG. 5A

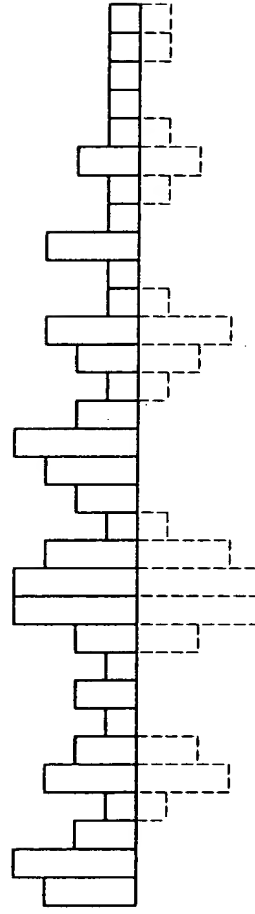


FIG. 5B

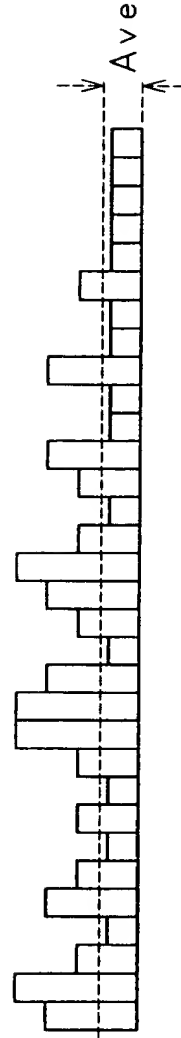


FIG. 5C

FIG. 6

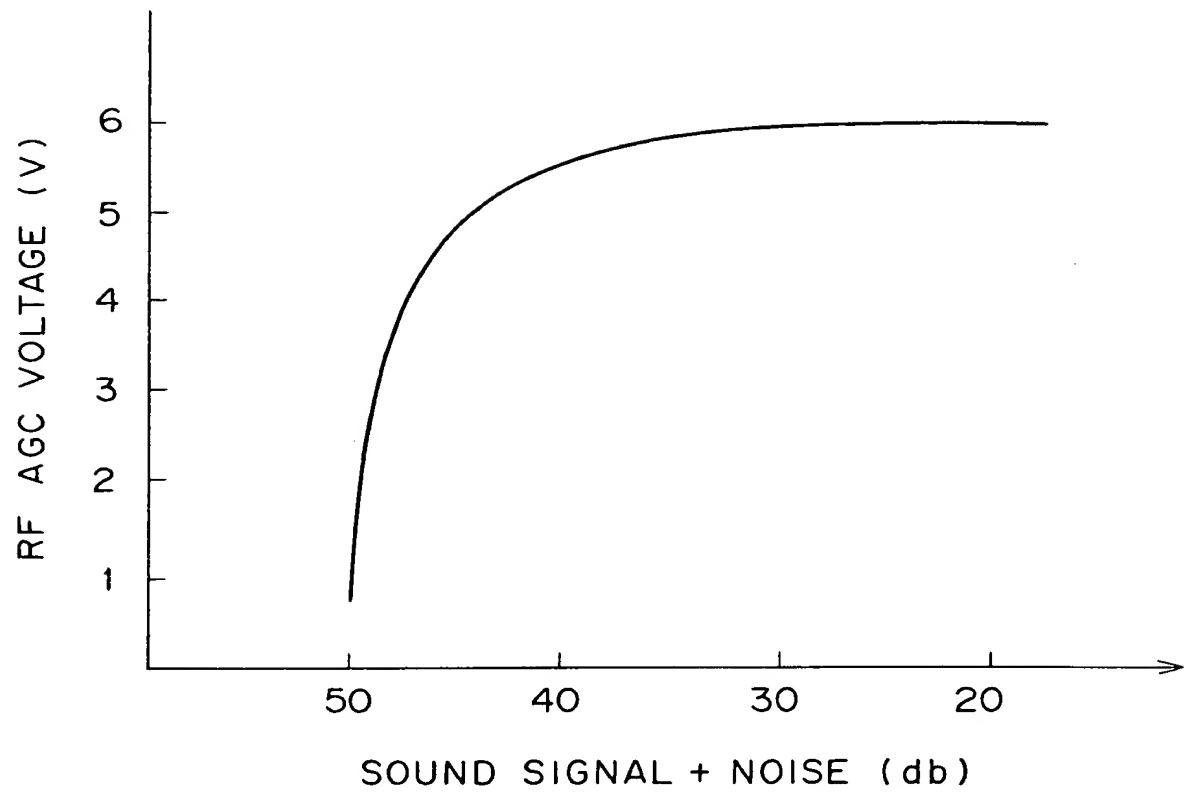
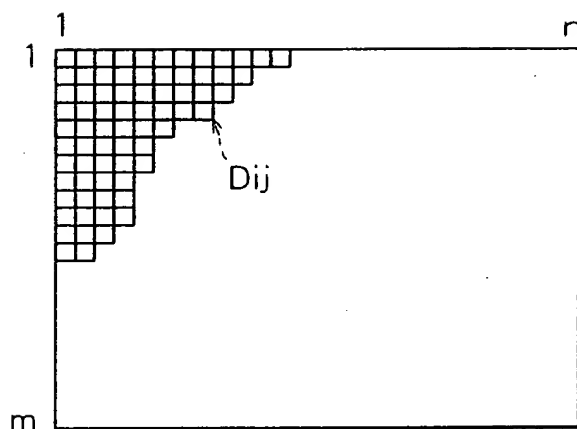


FIG. 7

DELAYED IMAGE



$$Y_A = \frac{\sum_{i=1}^n \sum_{j=1}^m D_{ij}}{n \times m}$$

FIG. 8

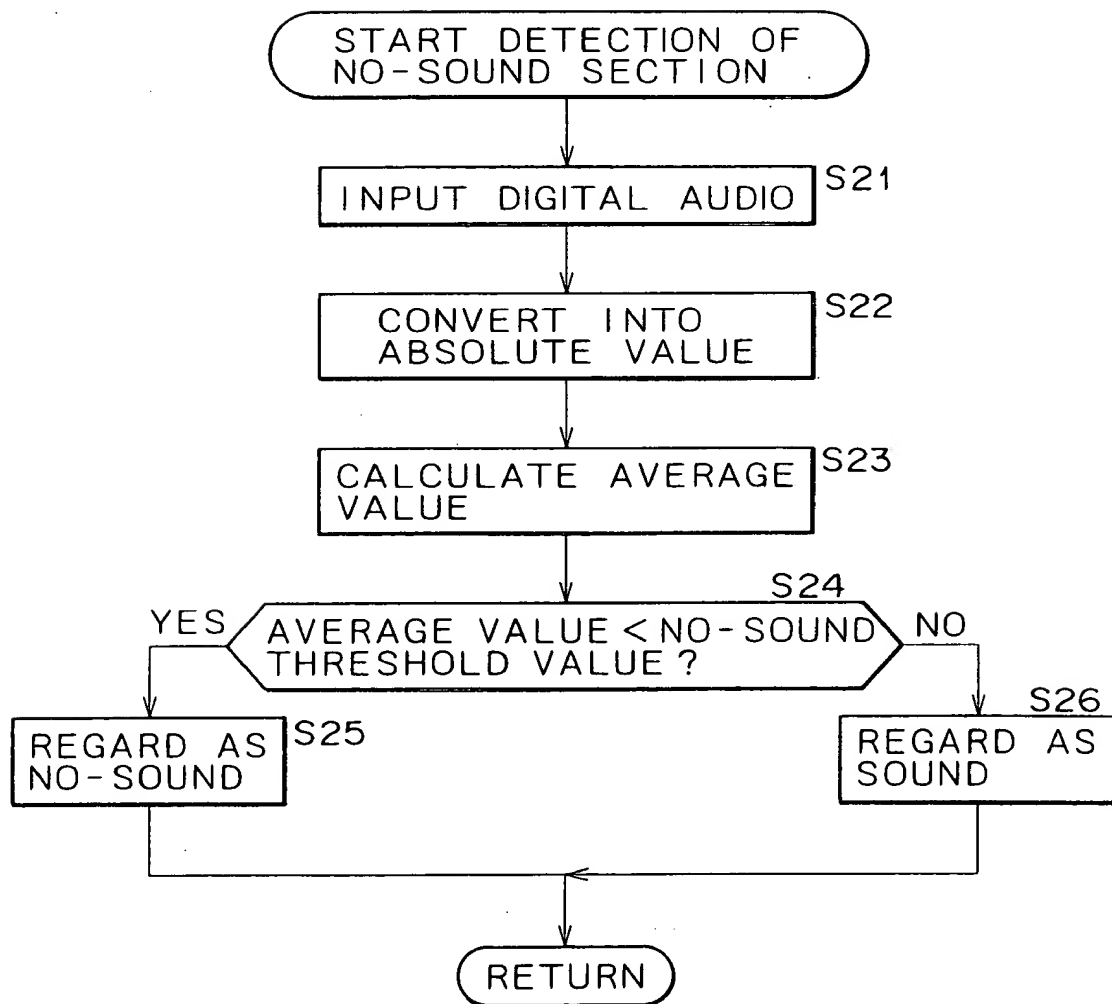


FIG. 9

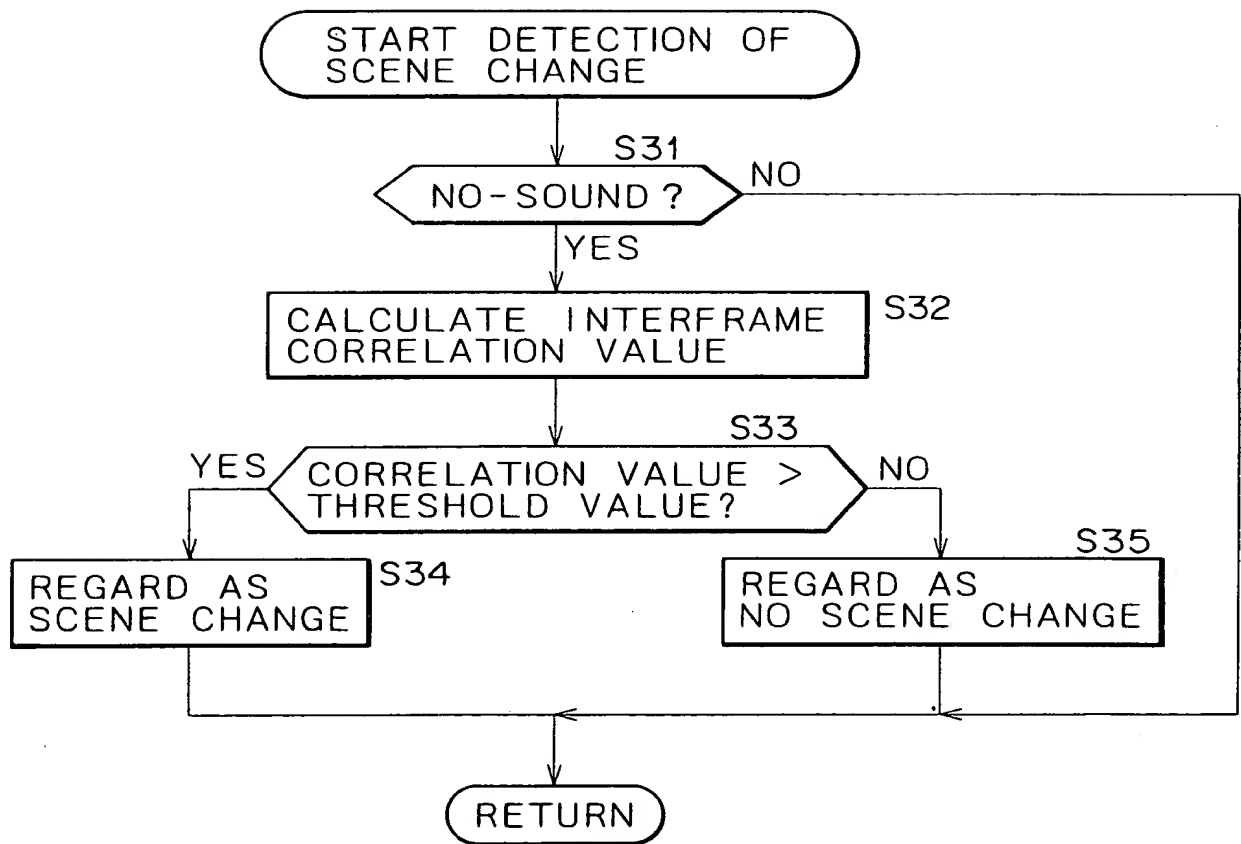
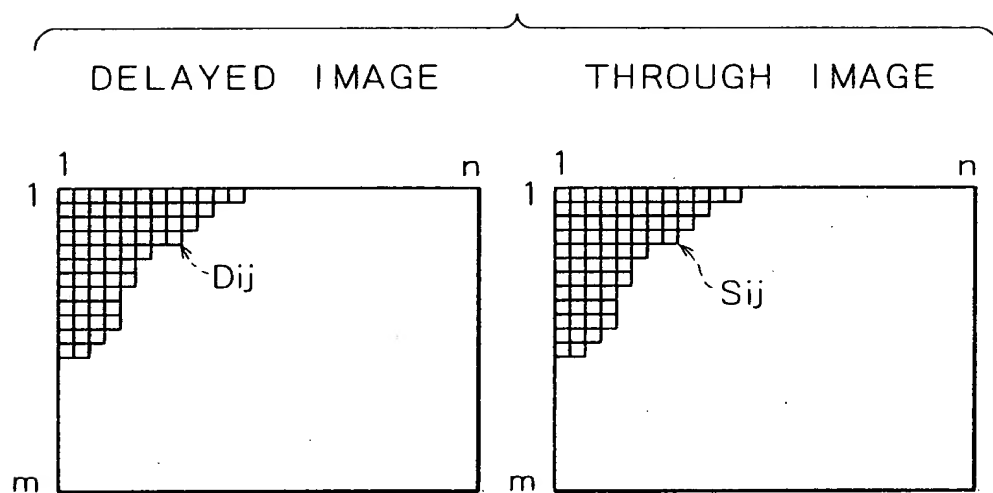


FIG. 10



$$E = \sum_{i=1}^n \sum_{j=1}^m |D_{ij} - S_{ij}|$$

FIG.11

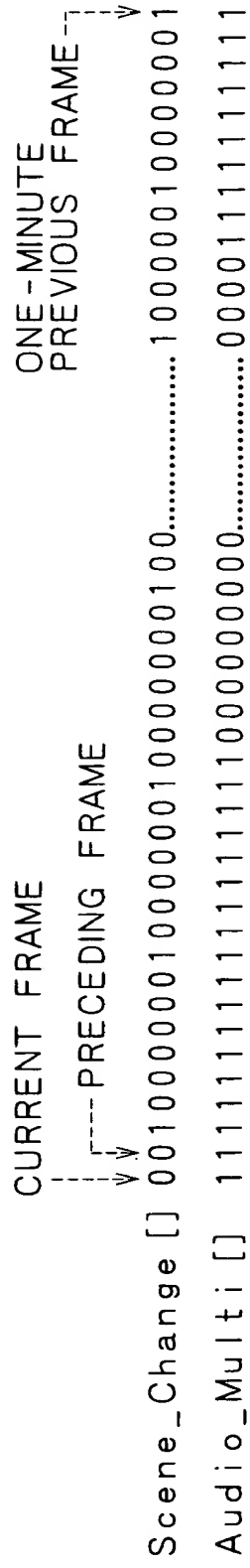


FIG.12A



SCENE CHANGE SECTION

0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	----

FIG.12B

AUDIO MULTIPLEX MODE SECTION

	stereo		stereo
--	--------	--	--------

FIG.12C

CM CANDIDATE SECTION

0	1 (CM)	0	1 (CM)	0
---	--------	---	--------	---

FIG. 13

	CURRENT FRAME	PRECEDING FRAME	ONE-MINUTE PREVIOUS FRAME
No_Sound []	011110001110000111100001100.....	00001111000011	
Scene_Change []	001000000100000010000000100.....	10000010000001	
Audio_Multi []	11111111111111111100000000.....	00001111111111	

FIG.14A

NO-SOUND



FIG.14B

SCENE CHAGE



FIG.14C

(A) AND (C)

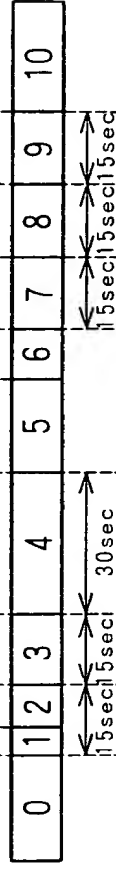


FIG.14D

GROUP



FIG.14E

AUDIO MODE



FIG.14F

CM CANDIDATE
SECTION



FIG.14G

RESULT OF
CM DECISION



FIG. 15A

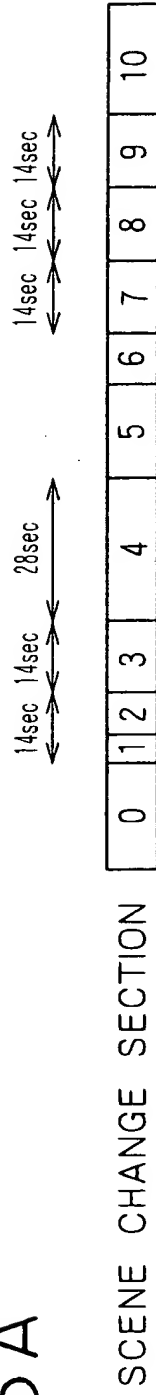


FIG. 15B

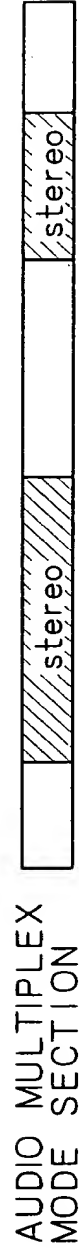
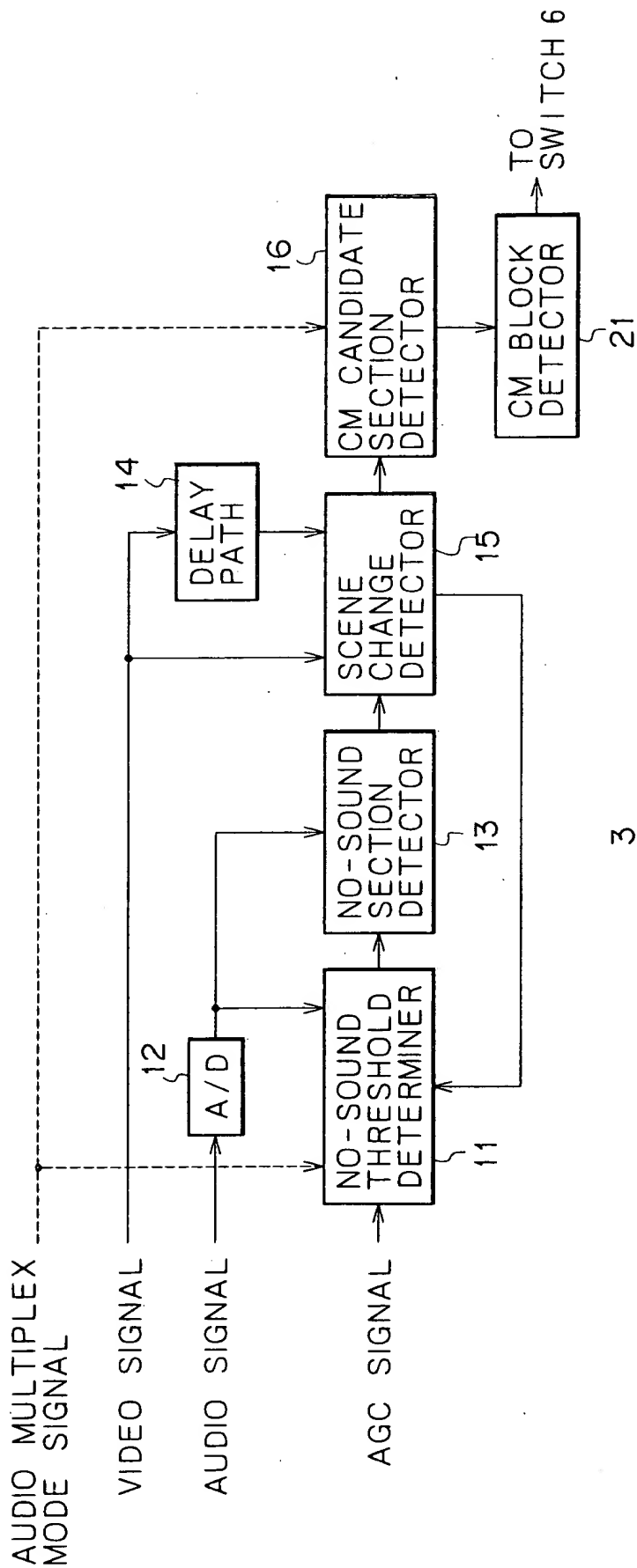


FIG. 15C



FIG. 16



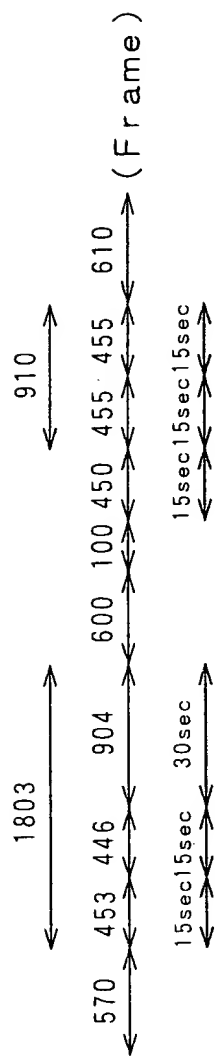
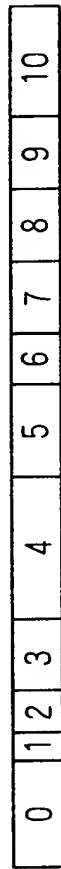
FIG. 17A
QUIET SCENE
CHANGE SECTIONS

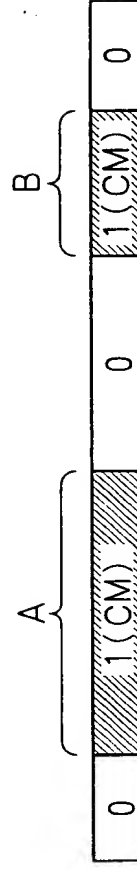
FIG. 17B



F | G.17C COMMERCIAL CANDIDATE SECTIONS



FIG. 17D
COMMERCIAL
CANDIDATE BLOCKS

FIG. 17E
COMMERCIAL
BLOCK

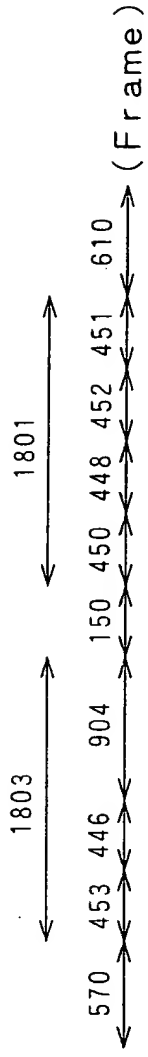


FIG. 18A QUIET SCENE CHANGE SECTIONS



FIG. 18B AUDIO MULTIPLEX MODE SECTIONS



FIG. 18C COMMERCIAL CANDIDATE SECTIONS

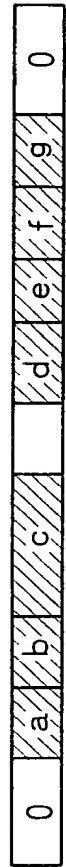


FIG. 18D COMMERCIAL CANDIDATE BLOCKS

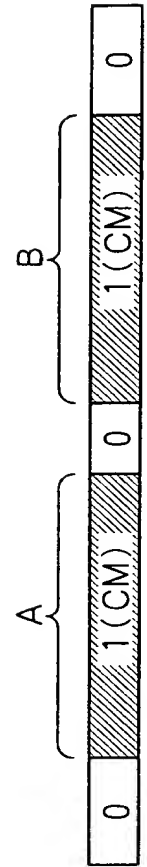


FIG. 18E COMMERCIAL BLOCK



FIG. 19

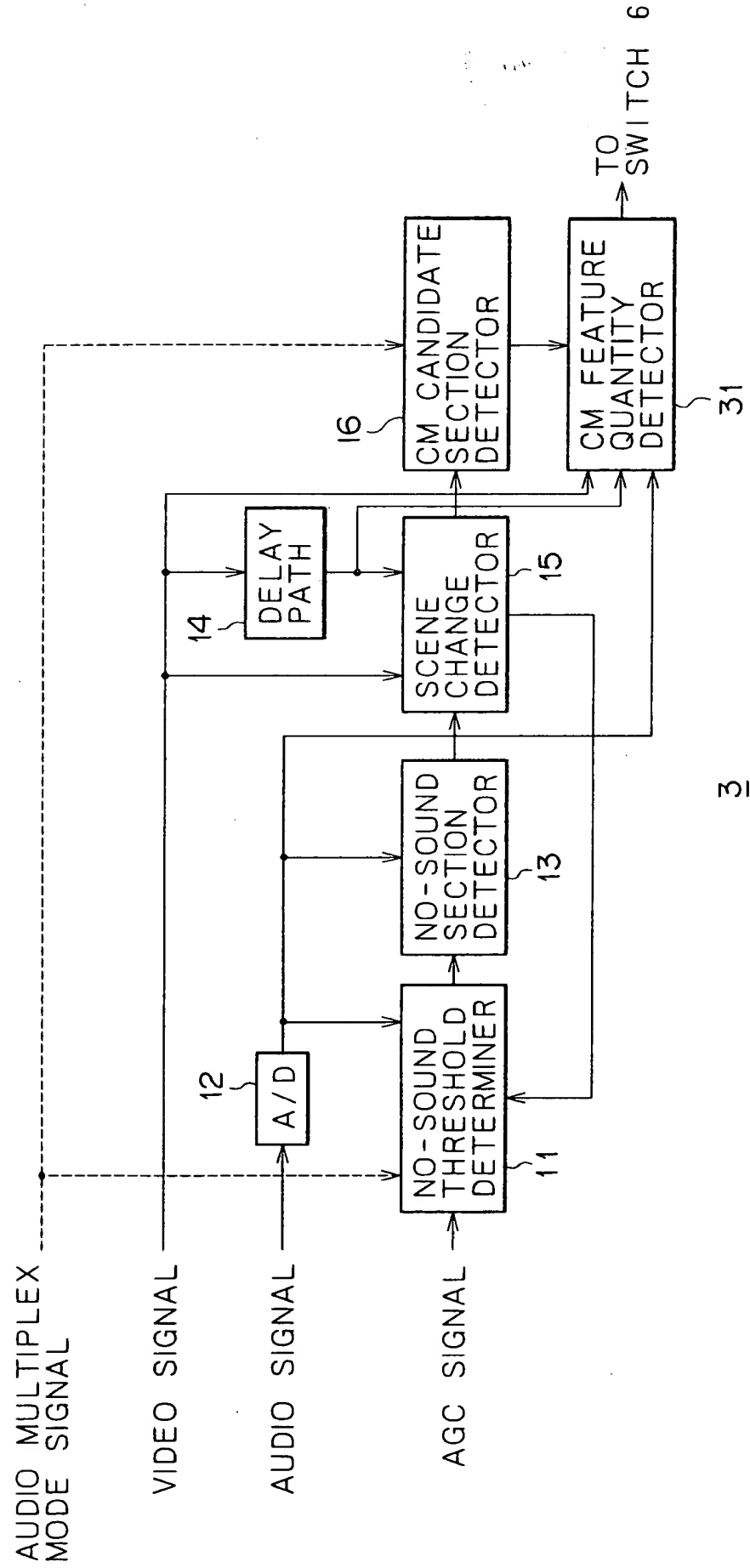


FIG. 20

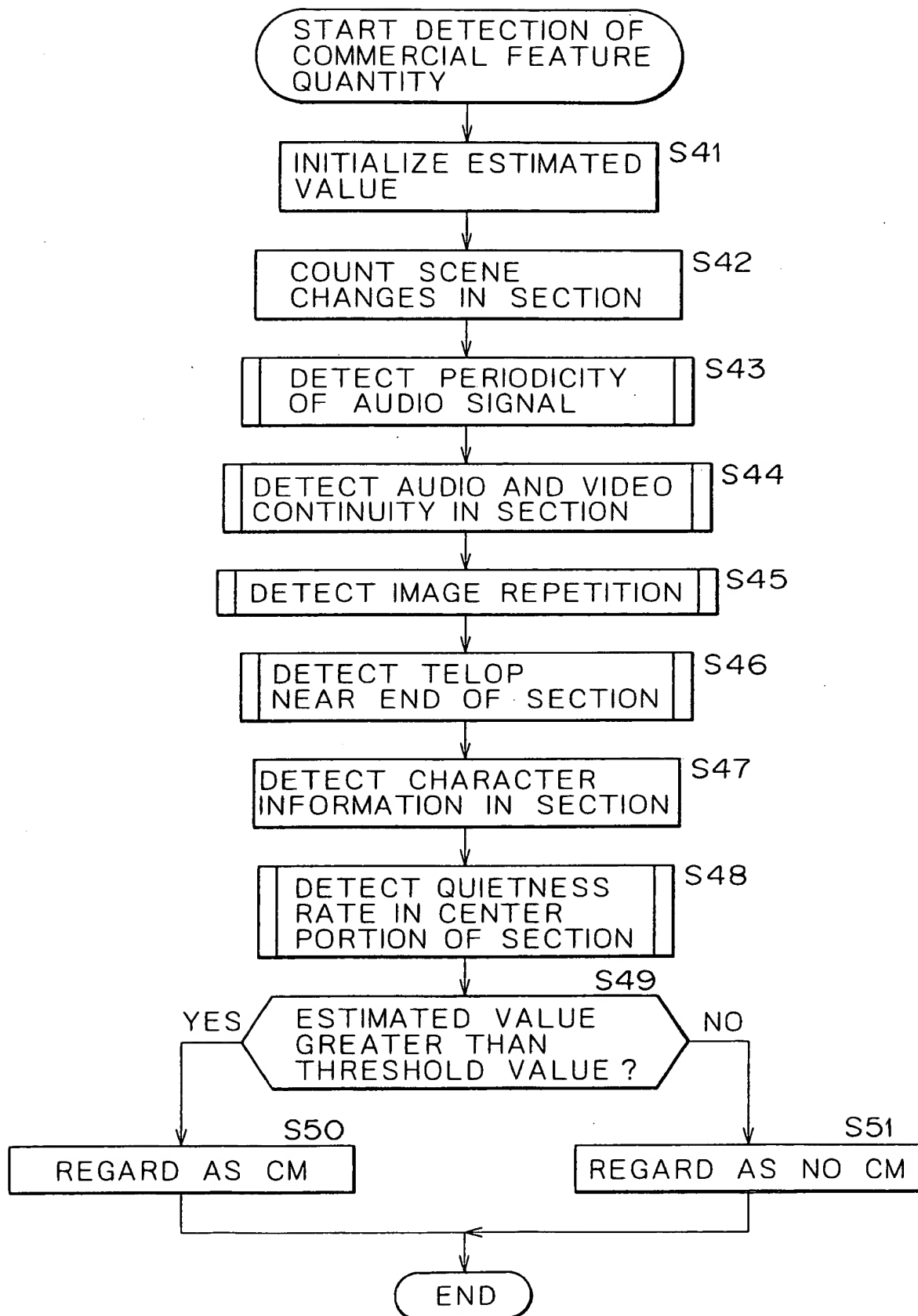
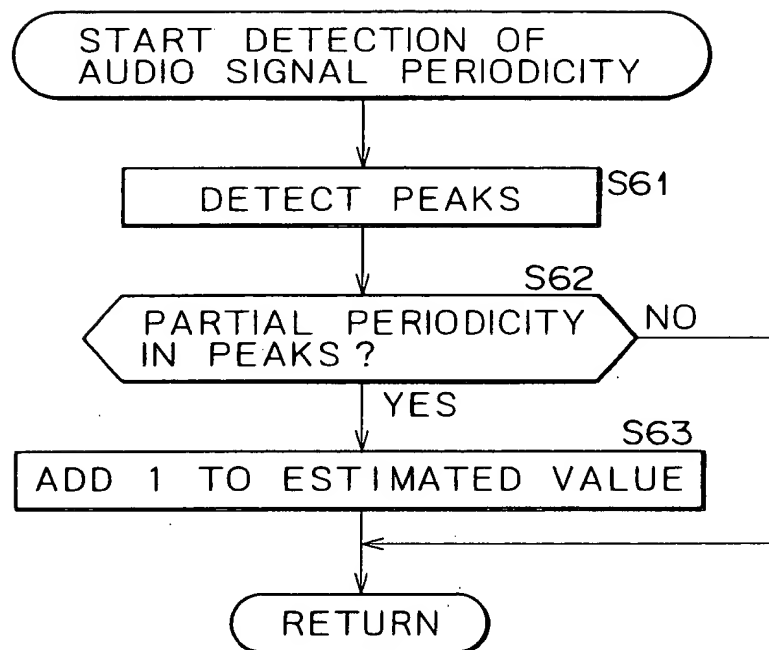


FIG. 21



THRESHOLD
VALUE

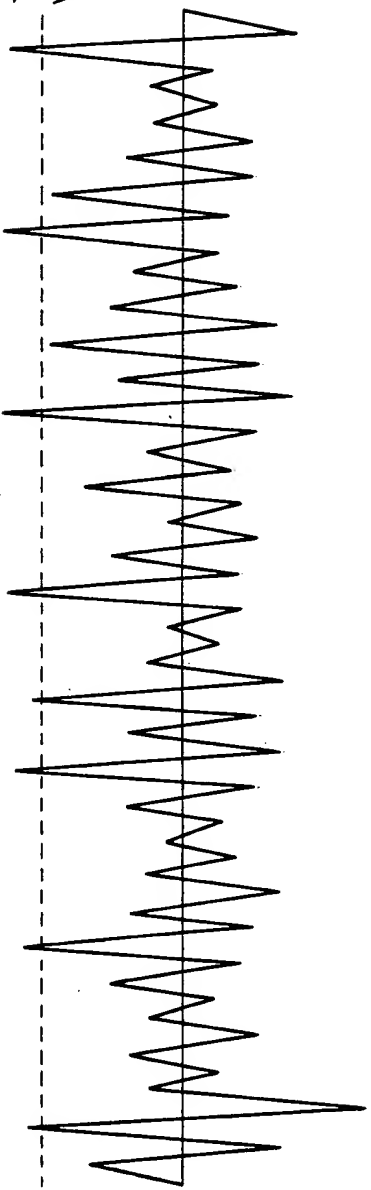


FIG. 22A

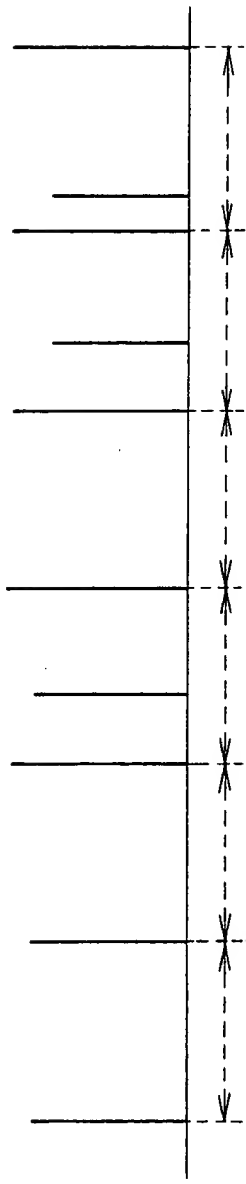


FIG. 22B

FIG. 23

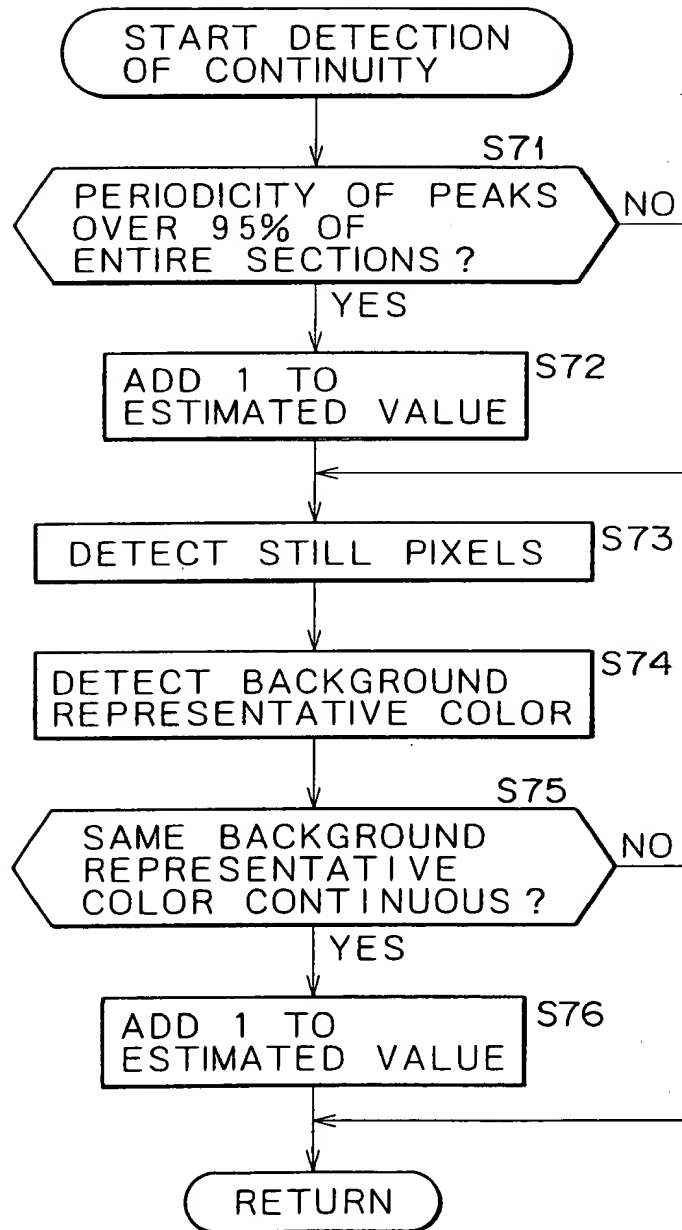


FIG. 24

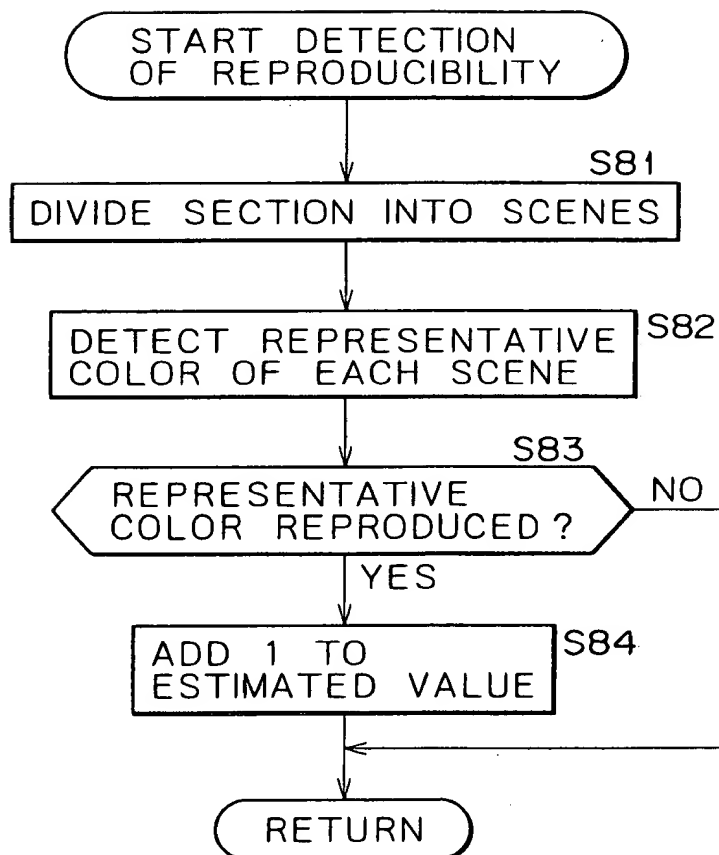


FIG. 25

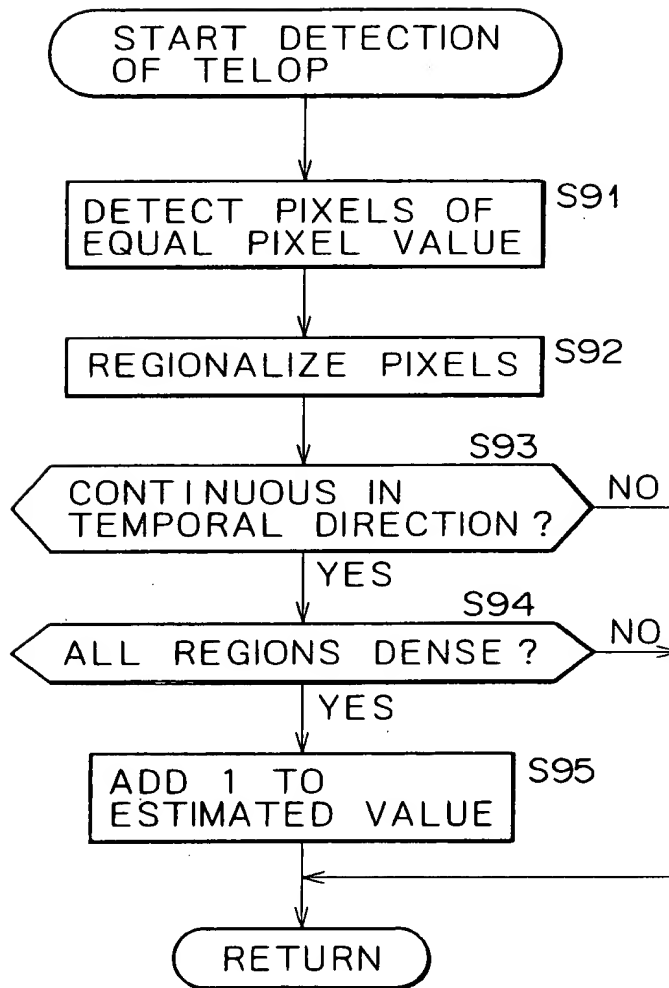


FIG. 26A

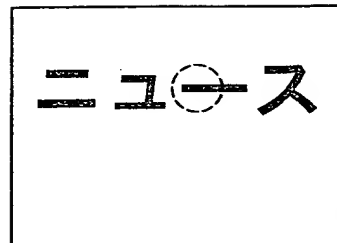


FIG. 26B

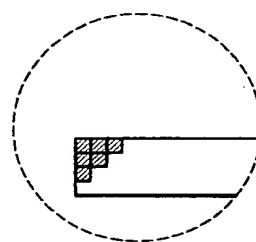


FIG. 26C

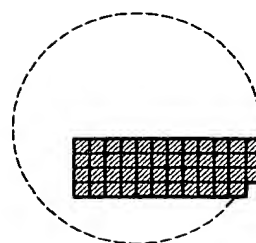


FIG. 27

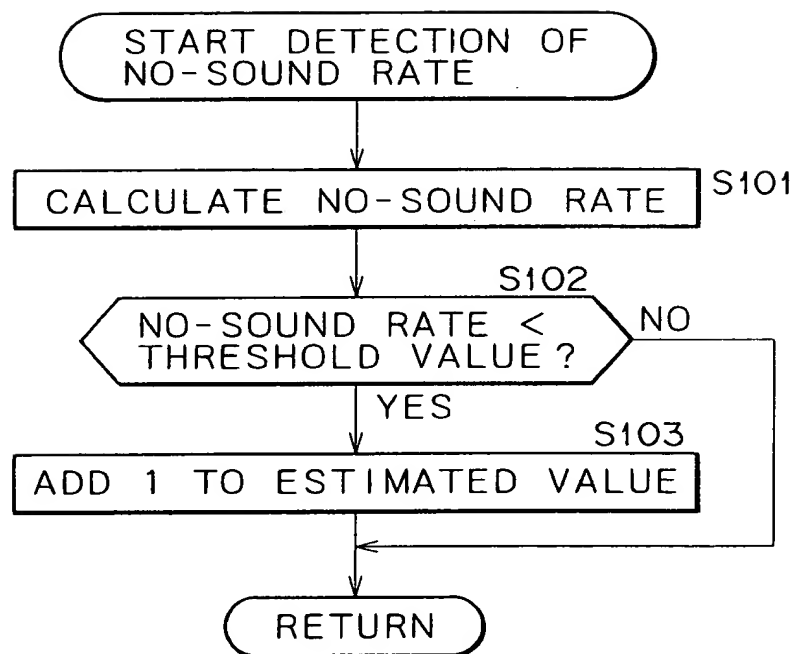


FIG. 28

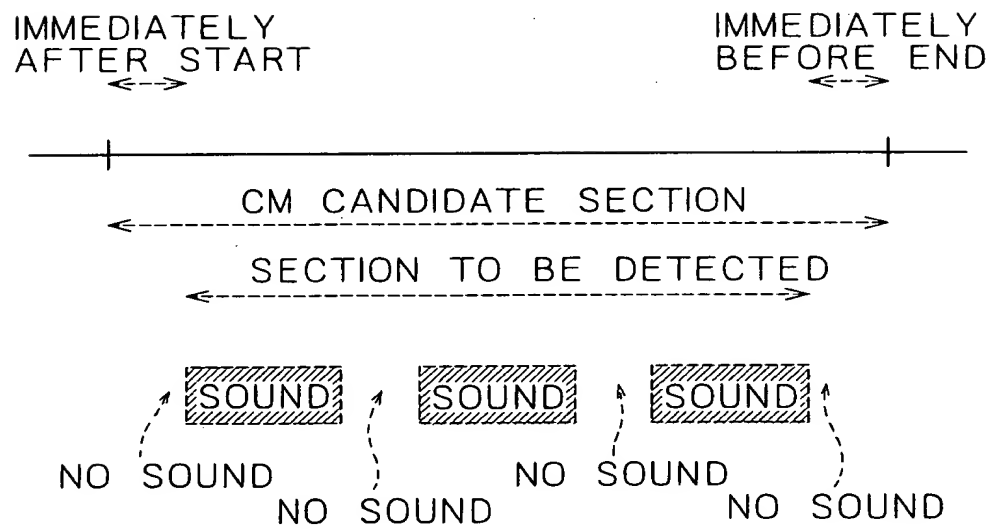


FIG. 29

